



**TM 160 - 250 - 315 WR**  
**Butt fusion machine for construction site**  
**with Welding Recorder**

Butt Fusion machine to joint PE, PP, PB pipes and fittings for pressure piping systems on building sites and in trenches.

Hydraulically operated with manual control unit.

TOP hydraulic unit with integrated control panel and power outlets.

Including the WR 200 welding recorder to ensure the jointing quality according to country specific standards. The user is guided through all preparation and fusion steps. The complete fusion sequence is supervised and recorded for later printout or transfer to a PC.

Including transport packaging (wooden crate); reduction clamping inserts and other accessories to be ordered separately.

• **BASE MACHINE**

- High precision design, distortion-free and sturdy machine frame
- Good accessibility thanks to 35° inclination
- The movable (sliding) 3rd clamp allows easy and time-saving fixation of bends or tees without need of additional tools
- Clamps are hinged on the top side and tilting. Whenever necessary, the four clamps can be quickly removed
- Double-sided heating element pull-off mechanism to optimise the change-over phase
- Weight: TM 160 = 22 kg, TM 250 = 47 kg, TM 315 = 53 kg

• **HYDRAULIC UNIT**

- Shock-absorbing plastic housing in attractive design
- Internal aluminium frame providing high rigidity and resistance
- Intuitive control panel provided with digital indication of hydraulic pressure, electronic heating element temperature controller, 2-channel welding timer
- Precise pressure setting and fine adjusting
- Push-button operation of machine carriage
- Integrated power outlets for planer, heating element
- Accumulator for pressure equalization during the cooling phase
- Integrated interface for welding recorder
- Max operating pressure: 160 bar
- Weight: 31 kg

• **PLANER**

- Powerful parallel planer for single or double-sided facing of pipe ends
- Ergonomic, weight-balanced handling
- Self-locking mechanism in working position
- Safety microswitch to prevent undesired start-up
- Weight: TM 160 = 7 kg; TM 250 = 14 kg; TM 315 = 17 kg

• **HEATING ELEMENT**

- High performance, electronically controlled heating element
- High-quality, non-stick PTFE-coating with long service life
- Temperature indicator integrated into the handle
- Weight: TM 160 = 5.5 kg; TM 250 = 8 kg; TM 315 = 10 kg
- Input power: 230V/TM 160 = 1200W; TM 250 = 2000W; TM 315 = 2500W

• **CASE**

- For safe storage of planer and heating element
- Weight: TM 160 = 4.8 kg; TM 250 = 8 kg; TM 315 = 9 kg

| Type               | d-d<br>(mm) | Performance | Code               | Weight<br>(kg) |
|--------------------|-------------|-------------|--------------------|----------------|
| TM 160 WR          | 40 - 160    | 230V/1910W  | <b>790 150 015</b> | 136.000        |
| TM 160 WR CYRILLIC | 40 - 160    | 230V/1910W  | <b>790 150 016</b> | 136.000        |
| TM 250 WR          | 75 - 250    | 230V/3280W  | <b>790 151 015</b> | 210.000        |
| TM 250 WR CYRILLIC | 75 - 250    | 230V/3280W  | <b>790 151 016</b> | 210.000        |
| TM 315 WR          | 90 - 315    | 230V/3880W  | <b>790 152 025</b> | 224.000        |
| TM 315 WR CYRILLIC | 90 - 315    | 230V/3880W  | <b>790 152 016</b> | 224.000        |

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

# Data sheet

valid from: 6/30/17

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